Seattle Public Utilities Integrated Plan Expert Panel Meeting #3

Tuesday, June 25, 2013, 9:00 AM–3:00 PM
Seattle Municipal Tower, Room 4901, 700 5th Ave., Seattle, WA

Objectives

- Review the overall flow of the decision-making framework for the Integrated Plan, including the purpose and role of multi-objective decision analysis (MODA) in that context.
- Review and collect Expert Panel member feedback on changes to the methodology for evaluating combined sewer overflow (CSO) and stormwater projects, including the pollutant load estimation methodology and the exposure assessment methodology.
- Present and obtain Expert Panel feedback on the proposed evaluation criteria and scales for the MODA.
- Review example projects, which have been previously implemented by SPU and which have been evaluated using the proposed MODA criteria, and discuss the process for ranking projects and evaluating benefits and costs.
- Review upcoming meeting plans and identify next steps.

Agenda

9:00-9:10　　**Arrive and Get Settled (10 minutes)**

9:10-9:20　　**Welcome, Introductions, and Agenda Review (10 minutes)**

9:20-9:40　　**Review of Integrated Plan Decision-Making Framework (20 minutes)**
　　　　　　　Presenters: Emiko Takahashi and Kevin Buckley, SPU
- Overview of and Q&A on the decision-making framework for the Integrated Plan, including evaluation of CSO and stormwater project impacts, exposure assessment, multi-objective decision analysis (MODA) of projects, grouping/clustering of projects, and decision-making based on MODA and other factors

9:40-10:40　　**Discussion of Exposure Assessment Methodology (1 hour)**
　　　　　　　Presenter: Rick Pleus, Intertox
- Presentation and discussion of:
  - Updates on changes to the exposure assessment methodology since the April 25 Expert Panel meeting
  - Specific proposed methodology for estimating the effects of projects on receiving waters, including changes in pollutant exposure for human and ecological receptors

10:40-10:50　　**Break (10 minutes)**

10:50-11:20   **Updates on the Pollutant Load Estimation Methodology for CSO and Stormwater Projects (30 minutes)**
Presenter: Eric Strecker, Geosyntec and Justin Twenter, Brown and Caldwell
- Updates on changes to the methodology for evaluating differences in water quality impacts from CSO and stormwater projects based on volumes, concentrations, and pollutant loads since the April 25 Expert Panel meeting (Note: Other benefits and impacts of projects will be evaluated through the MODA.)
- Opportunity for Expert Panel questions and feedback

11:20-12:00   **Initial Discussion of MODA Evaluation Criteria and Scales (40 minutes)**
Presenters: Dan Pitzler, CH2M HILL and Emiko Takahashi, SPU
- Presentation and initial discussion of:
  o Proposed evaluation criteria for the MODA and scales for evaluating projects based on the criteria

12:00-1:00   **Lunch (1 hour)**
Lunch will be provided for Expert Panel members.

1:00-2:30   **Continued Discussion of MODA Evaluation Criteria and Process (1.5 hours)**
Presenters: Dan Pitzler, CH2M HILL; Emiko Takahashi, Kevin Buckley, Shelly Basketfield, and Beth Schmoyer, SPU
- Presentation and discussion of how the proposed MODA criteria and scales could be used to evaluate CSO and stormwater projects, based on examples of projects SPU previously implemented
- Review and collect Expert Panel member feedback on the structured steps in the MODA process and how MODA feeds into SPU's overall decision-making, including:
  o Evaluation of cumulative benefits of projects compared to total project costs
  o Cumulative value/cost diagrams ("knee of the curve") and other mechanisms to identify potential high-priority projects
  o Clustering/grouping of projects and other factors that will be considered in the decision-making (e.g., implementation phasing)

[As needed, we may take a 5-10 minute break during this session.]

2:30-2:40   **Opportunity for Observer Comments (10 minutes)**

2:40-3:00   **Wrap up and Next Steps (20 minutes)**
- Plans for the September Expert Panel meeting
- Review Panel suggestions/recommendations recorded during the day, follow-up items, and identify other next steps

3:00   **Adjourn**